

AUS9-2000-0769

15

1. A method for transferring and monitoring privilege access to a resource manager in a computing system comprising:

transferring a privilege to a new program that will administer the resource manager, said transferred privilege enabling the new administrator program to access the resource manager;

transferring the privilege to access the resource manager away from the system program that had the privilege during the initialization of the resource manager on the computer system; and

monitoring the number of programs that have privilege to the resource manager.

2. The method as described in claim 1 wherein the transferring of the privilege to the new program comprises:

registering the new program;

setting a privilege identity for the new program; and

incrementing the privilege process count.

3. The method as described in claim 2 wherein privilege registration comprises:

requesting a privilege transfer to the resource manager by the new administrator program; and

determining whether the new program requesting the privilege transfer currently has a privilege to the resource manager.

4. The method as described in claim 3 wherein the step of determining whether the requesting program has privilege to the resource manager comprises determining whether the new program has a previous registration.

5. The method as described in claim 3 wherein the step of determining whether the requesting program has privilege to the resource manager comprises determining whether the new program is a descendent program of the new administrator program.

AUS9-2000-0769

16

6. The method as described in claim 2 further comprising providing a new privilege identity by the new requesting program.

7. The method as described in claim 6 further comprising:

5 setting the privilege identity of the resource manager to the privilege identity of the new requesting program;

determining whether requesting program is marked as privilege; and

marking the requesting program as privilege when the program has not been previously marked as privileged.

10

8. A method for requesting a program as privilege with respect to a resource manager in a computing system comprising:

determining whether the privilege process count is greater than zero;

determining whether the requesting program is privileged;

15

marking the requesting program as privileged; and

returning privilege to the requesting program.

9. A method for transferring a privilege access requested, by a new program, to a resource manager and monitoring privilege access to a resource manager in a computing system comprising:

20

determining whether the requesting program is eligible for a privilege to the resource manager;

setting a privilege identity to the resource manager to the privilege identity supplied by the requesting program;

25

marking the requesting program as privileged;

incrementing the privileged count process; and

transferring the privilege to access the resource manager away from the system program that had the privilege during the initialization of the resource manager on the computer system.

30

AUS9-2000-0769

17

10. A computer program product in a computer readable medium for use in transferring and monitoring privilege access to a resource manager in a computing system comprising:

instructions for determining whether the requesting program is eligible for a
5 privilege to the resource manager;

instructions for setting a privilege identity to the resource manager to the privilege
identity supplied by the requesting program;

instructions for marking the requesting program as privileged;

instructions for incrementing the privileged count process; and

10 instructions for transferring the privilege to access the resource manager away
from the system program that had the privilege during the initialization of the resource
manager on the computer system.